

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
10 February 2005 (10.02.2005)

PCT

(10) International Publication Number  
**WO 2005/012189 A1**

(51) International Patent Classification<sup>7</sup>: C02F 1/68, 1/76

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AL, AG, AI, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, BG, ES, FI, GB, GD, GL, GH, GM, IIR, IIU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:

PCT/AU2004/000925

(22) International Filing Date: 9 July 2004 (09.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
2003903858 25 July 2003 (25.07.2003) AU

(71) Applicant (for all designated States except US): WATER CORPORATION [AU/AU]; 629 Newcastle St, Leederville, Western Australia 6007 (AU).

(72) Inventor; and

(75) Inventor/Applicant (for US only): KOSKA, Laszlo [AU/AU]; 10 Gradient Way, Beldon, Western Australia 6027 (AU).

(74) Agent: LORD, Kelvin, Ernest; Lord and Company, 4 Douro Place, West Perth, Western Australia 6005 (AU).

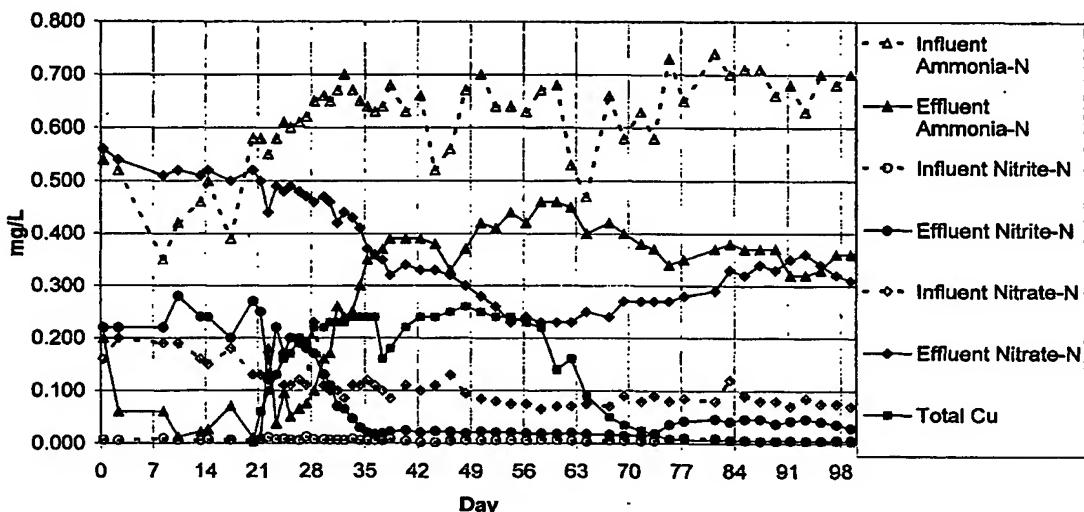
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: TREATMENT OF CHLORAMINATED WATER



WO 2005/012189 A1

(57) Abstract: A method of treating chloraminated water by adding copper ions is disclosed. The addition of copper ions inhibits microbial action in the water, thus reducing nitrification of ammonia and maintaining chloramine levels.